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| FORM PTO-4390 (REV 12-2001) | | U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE | ATTORNEYS DOCKET NUMBER 036911-3 |
| TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371 | | | U.S. APPLICATION NO. (If known, see 37 CFR 1.5) 10/525,949 |
| INTERNATIONAL APPLICATION NO. PCT/JP2003/010719 | INTERNATIONAL FILING DATE August 25, 2003 | PRIORITY DATE CLAIMED August 26, 2002 | |
| TITLE OF INVENTION ARTIFICIAL TOOTH ROOT IMPLANTATION POSITION DETERMINING INSTRUMENT, ARTIFICIAL TOOTH ROOT IMPLANTATION POSITION DETERMINING METHOD, GUIDE MEMBER MANUFACTURING DEVICE, SENSOR, DRILL, ARTIFICIAL TOOTH MANUFACTURING DEVICE, COMPUTER PROGRAM, AND RECORDING MEDIUM | | | |
| APPLICANT(S) FOR DO/EO/US Motofumi SOGO, et al. | | | |
| <p>Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:</p> <ol style="list-style-type: none"> <input type="checkbox"/> This is a FIRST submission of items concerning a filing under 35 U.S.C. 371. <input checked="" type="checkbox"/> This is a SECOND or SUBSEQUENT submission of items concerning a filing under 35 U.S.C. 371. <input type="checkbox"/> This is an express request to promptly begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below. <input type="checkbox"/> The US has been elected by the expiration of 19 months from the priority date (Article 31). <input type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2)) <ol style="list-style-type: none"> <input type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau). <input type="checkbox"/> has been communicated by the International Bureau. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US). <input type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)). <ol style="list-style-type: none"> <input type="checkbox"/> is attached hereto. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4). <input type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)). <ol style="list-style-type: none"> <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau). <input type="checkbox"/> have been communicated by the International Bureau. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired. <input type="checkbox"/> have not been made and will not be made. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)). <input checked="" type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)). <input type="checkbox"/> An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)). <p>Items 11 to 20 below concern document(s) or information included:</p> <ol style="list-style-type: none"> <input type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98. <input checked="" type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included. <input type="checkbox"/> A FIRST preliminary amendment. <input type="checkbox"/> An Application Data Sheet under 37 CFR 1.76. <input type="checkbox"/> A substitute specification. <input type="checkbox"/> A change of power of attorney and/or address letter. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 35 U.S.C. 1.821 - 1.825. <input type="checkbox"/> A second copy of the published international application under 35 U.S.C. 154(d)(4). <input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4). <input type="checkbox"/> Other items or information: | | | |

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| U.S. APPLICATION NO. (If known, see 37 C.F.R. 1.50) | | INTERNATIONAL APPLICATION NO. | | ATTORNEYS DOCKET NUMBER | |
| 10/525,949 | | PCT/JP2003/010719 | | 036911-3 | |

| The following fees are submitted: | | | | CALCULATIONS | PTO USE ONLY |
|---|---|---|------------|------------------------|--------------|
| 21. <input type="checkbox"/> | Basic national fee (37 CFR 1.492(a))..... | \$300.00 | | \$ | |
| 22. <input type="checkbox"/> | Examination fee..... | \$200.00 | | \$ | |
| If the written opinion prepared by ISA/US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4)..... | | | | | |
| | | | | \$0 | |
| All other situations..... | | | | | |
| | | | | \$200.00 | |
| 23. <input type="checkbox"/> | Search fee..... | \$500.00 | | \$ | |
| If the written opinion prepared by ISA/US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4)..... | | | | | |
| | | | | \$0 | |
| Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority..... | | | | | |
| | | | | \$100.00 | |
| International Search Report prepared by an ISA other than the US and provided to the Office or previously communicated to the US by the IB..... | | | | | |
| | | | | \$400.00 | |
| All other situations..... | | | | | |
| | | | | \$500.00 | |
| TOTAL OF 21, 22 and 23 = | | | | \$ | |
| <input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing in compliance with 37 CFR 1.821(c) or (e) or computer program listing filed in an electronic medium) (37 CFR 1.492(j)). The fee is \$250 for each additional 50 sheets of paper or fraction thereof. | | | | | |
| Total Sheets | Extra sheets | Number of each additional 50 or fraction thereof (round up to a whole number) | RATE | | |
| - 100 = | /50 = | | x \$250.00 | \$ | |
| Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(e)). | | | | \$130.00 | |
| CLAIMS | NUMBER FILED | NUMBER EXTRA | RATE | | |
| Total claims | - 20 = | | x \$50.00 | \$ | |
| Independent claims | - 3 = | | x \$200.00 | \$ | |
| MULTIPLE DEPENDENT CLAIM(S) (if applicable) | | | + \$360.00 | \$ | |
| TOTAL OF ABOVE CALCULATIONS = | | | | \$130.00 | |
| <input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2. | | | | \$ | |
| SUBTOTAL = | | | | \$ | |
| Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(f)). | | | | \$ | |
| TOTAL NATIONAL FEE = | | | | \$130.00 | |
| Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property + | | | | \$40.00 | |
| TOTAL FEES ENCLOSED = | | | | \$ | |
| 09/15/2005 1KAYPAGH 00000143 192380 10525949 01 FC:1617 130.00 DA | | | | Amount to be refunded: | \$ |
| | | | | Amount to be charged: | \$170.00 |

BEST AVAILABLE COPY

- a. ☐ A check in the amount of \$ _____ to cover the above fees is enclosed.
- b. ☒ Please charge my Deposit Account No. 19-2380 in the amount of \$170.00 to cover the above fees. A duplicate copy of this sheet is enclosed.
- c. ☒ The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 19-2380. A duplicate copy of this sheet is enclosed.
- d. ☐ Fees are to be charged to a credit card. **WARNING:** Information on this form may become public. **Credit card information should not be included on this form.** Provide credit card information and authorization on PTO-2038.

NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.

SEND ALL CORRESPONDENCE TO:

NIXON PEABODY LLP
401 9th Street, N.W.
Suite 900
Washington, D.C. 20004-2128



SIGNATURE

Thomas W. Cole

NAME

28,290

REGISTRATION NUMBER

BEST AVAILABLE COPY

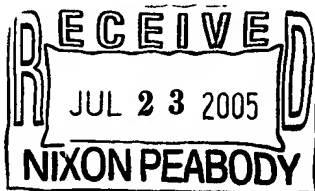


UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
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| U.S. APPLICATION NUMBER NO. | FIRST NAMED APPLICANT | ATTY. DOCKET NO. |
| 10/525,949 | Motofumi Sogo | 036911-3 |

22204
 NIXON PEABODY, LLP
 401 9TH STREET, NW
 SUITE 900
 WASHINGTON, DC 20004-2128



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|-------------------------------|---------------|
| INTERNATIONAL APPLICATION NO. | |
| PCT/JP03/10719 | |
| I.A. FILING DATE | PRIORITY DATE |
| 08/25/2003 | 08/26/2002 |

CONFIRMATION NO. 2605
 371 FORMALITIES LETTER



OC000000016558367

Date Mailed: 07/20/2005

NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as a Designated / Elected Office (37 CFR 1.495).

- Copy of the International Application filed on 02/28/2005
- English Translation of the IA filed on 02/28/2005
- Copy of the International Search Report filed on 02/28/2005
- Copy of IPE Report filed on 02/28/2005
- Preliminary Amendments filed on 02/28/2005
- Information Disclosure Statements filed on 05/20/2005
- Request for Immediate Examination filed on 02/28/2005
- U.S. Basic National Fees filed on 02/28/2005
- Priority Documents filed on 02/28/2005

The following items **MUST** be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

- Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), identifying the application by the International application number and international filing date.
- \$130 Surcharge for providing the oath or declaration later than 30 months from the priority date (37 CFR 1.492(e)) is required.

SUMMARY OF FEES DUE:

Total additional fees required for this application is \$130 for a Large Entity:

- \$130 Late oath or declaration Surcharge.

7/25/05 DOCKETED
 By *[Signature]*
 Nixon Peabody, LLP

ALL OF THE ITEMS SET FORTH ABOVE MUST BE SUBMITTED WITHIN TWO (2) MONTHS FROM THE DATE OF THIS NOTICE OR BY 32 MONTHS FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.

The time period set above may be extended by filing a petition and fee for extension of time under the provisions of 37 CFR 1.136(a).

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

*A copy of this notice **MUST** be returned with the response.*

LAMONT M HUNTER

Telephone: (703) 308-9140 EXT 201

PART 1 - ATTORNEY/APPLICANT COPY

| U.S. APPLICATION NUMBER NO. | INTERNATIONAL APPLICATION NO. | ATTY. DOCKET NO. |
|-----------------------------|-------------------------------|------------------|
| 10/525,949 | PCT/JP03/10719 | 036911-3 |

FORM PCT/DO/EO/905 (371 Formalities Notice)